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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/811,713	03/29/2004	Roberto Sabbatini	1011-618	1448

7590 07/13/2004

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EXAMINER

LU, JIPING

ART UNIT PAPER NUMBER

3749

DATE MAILED: 07/13/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/811,713

Applicant(s)

SABBATINI, ROBERTO

Examiner

Jiping Lu

Art Unit

3749

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-7 and 10-13 is/are rejected.
- 7) ☒ Claim(s) 8 and 9 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1, 3, 5, 11-13 are rejected under 35 U.S.C. 102(b) as being anticipated by Pedrini (UK 2067071).

Pedrini shows a hair dryer 1 including an ionizing device 11, 15, a box body for holding a suction part, fan means 13, heater means 8, an air flow outlet part 4, high voltage generator device 11, 15, electric switch means 6, an ion emitter device 11, 15 same as claimed. The high voltage generator device is arranged between the suction part 3 and air outlet part 4. for claim 12, the power cable 6 constitutes the claimed "switch means" for on or off purposes.

3. Claims 1, 3-7, 11-13 are rejected under 35 U.S.C. 102(b) as being anticipated by Prehodka et al. (U. S. Pat. 5,612,849).

Prehodka et al. shows a hair dryer 1 including an ionizing device 35, a box body 3 for holding a suction part 11, fan means 9, heater means 13, an air flow outlet part 15, high voltage generator device 35, electric switch means 23, an ion emitter device 35 same as claimed. The high voltage generator device is arranged between the suction part 11 and air outlet part 17.

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4. Claims 1, 3-7, 11-13 are rejected under 35 U.S.C. 102(b) as being anticipated by Ramchandani (U. S. Pat. 6,191,930).

Ramchandani shows a air dryer 10 including an ionizing device 36, a box body 14 for holding a suction part 24, fan means 30, heater means 34, an air flow outlet part 40, high voltage generator device 36, electric switch means 22, an ion emitter device 36 same as claimed. The high voltage generator device 36 is arranged between the suction part 24 and air outlet part 40.

5. Claims 1, 3-7, 11-13 are rejected under 35 U.S.C. 102(e) as being anticipated by Lee et al. (U. S. Pat. 6,640,049).

Lee et al. show a hair dryer 10 including an ionizing device 70, a box body 40 for holding a suction part (behind 100), fan means 110, heater means 70, an air flow outlet part 120, high voltage generator device 70, electric switch means 30, an ion emitter device 70 same as claimed. The high voltage generator device is arranged between the suction part and air outlet part 120.

### ***Claim Rejections - 35 USC § 103***

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over Pedrini (UK 2067071) or Prehodka et al. (U. S. Pat. 5,612,849) or Ramchandani (U. S. Pat. 6,191,930) or Lee et al. (U. S. Pat. 6,640,049) in view of Fogarty (U. S. Pat. 5,875,562).

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The hair dryer of Pedrini or Prehodka or Ramchandani or Lee et al. as above includes all that is recited in claim 2 except for the half of the box like structure housing the hair dryer components. Fogarty shows two halves of a hair dryer with a box like structure for housing the air dryer components same as claimed. Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to make the hair dryer of Pedrini or Prehodka or Ramchandani or Lee et al. in halves to house the components in order to facilitate assembly.

8. Claim 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over Pedrini (UK 2067071) or Prehodka et al. (U. S. Pat. 5,612,849) or Ramchandani (U. S. Pat. 6,191,930) or Lee et al. (U. S. Pat. 6,640,049) in view of Taylor et al. (U. S. Pat. 5,975,090).

The hair dryer of Pedrini or Prehodka or Ramchandani or Lee et al. as above includes all that is recited in claim 10 except for electrode. Taylor et al. teach a hair dryer with electrode 220-240 same as claimed. Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to provide the hair dryer of Pedrini or Prehodka or Ramchandani or Lee et al. with electrode as taught by Taylor et al. in order to improve the heating efficiency.

***Allowable Subject Matter***

9. Claims 8-9 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

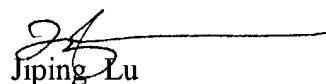
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***Conclusion***

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jiping Lu whose telephone number is 703-308-2354. The examiner can normally be reached on Monday-Friday, 9:00 AM - 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ira Lazarus can be reached on 703 308-1935. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Jiping Lu  
Primary Examiner  
Art Unit 3749

J. L.